

Board Administration and Regulatory Coordination Unit

Division 3. Air Resources Board

Chapter 1. Motor Vehicle Pollution Control Devices

Article 2. Approval of Motor Vehicle Pollution Control Devices (New Vehicles)

§ 1960. Exhaust Emission Standards and Test Procedures--1980 Model Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles.

(a) The exhaust emissions from new 1980 model passenger cars, light-duty trucks and medium-duty vehicles, subject to registration and sold and registered in this state, shall not exceed:

Exhaust Emission Standards (grams per mile)					
<i>Model Year</i>	<i>Vehicle Type (1)</i>	<i>Equivalent Inertia Weight (lbs.) (2)</i>	<i>Non-Methane Hydrocarbons (3)</i>	<i>Carbon Monoxide</i>	<i>Oxides of Nitrogen (4) (5)</i>
1980	PC	All	0.39 (0.41)	9.0	1.0 1.5
	LDT	0-3999	0.39 (0.41)	9.0	1.5*
	LDT	4000-5999	0.50 (0.50)	9.0	
	MDV	All	0.9 (0.9)	17.0	

*2.0 for four-wheel drive vehicles in this category.

100,000 Mile Exhaustion Emission Standards (grams per mile)					
<i>Model Year</i>	<i>Vehicle Type (1)</i>	<i>Equivalent Inertia Weight (lbs.) (2)</i>	<i>Non-Methane Hydrocarbons (3) (5)</i>	<i>Carbon Monoxide</i>	<i>Oxides of Nitrogen (4)</i>
1980	PC	All	0.39 (0.41)	9.0	1.5
	(Option 1)				
	PC (Option 2)	All	0.46	10.6	1.5

(1) "PC" means passenger cars.

"LDT" means light-duty trucks.

"MDV" means medium-duty vehicles.

(2) Equivalent inertia weights are determined under subparagraph 40 Code of Federal Regulations 86.129-70(a), as it existed on April 15, 1978.

(3) Hydrocarbon standards in parentheses apply to total hydrocarbons, or 1980 models only, to emissions corrected by a methane content correction factor.

(4) In addition, for passenger cars, the maximum projected emissions of oxides of nitrogen measured on the federal Highway Fuel Economy Test (HWFET; 40 CFR Part 600, Subpart B) shall be no greater than 1.33 times the applicable standard shown in the table. Both the projected emissions and the HWFET standard shall be rounded to the nearest 0.1 gm/mi before being compared.

(5) For vehicles from evaporative emission families with projected 50,000 mile evaporative emissions values below 1.0 gm/test, an adjustment to the hydrocarbon exhaust emission standard may be granted by the Executive Officer. The adjusted standard shall be calculated using the following formula:

$$HC_{ex} = .75 (.185 - [(Di + 3.3 Hs) - (29.4)]) + HC0$$

Where:

HC_{ex} = adjusted exhaust hydrocarbon standard

HC0 = unadjusted exhaust hydrocarbon standard

Di = diurnal evaporative emissions

Hs = hot soak evaporative

(b) The test procedures for determining compliance with these standards are set forth in "California Exhaust Emission Standards and Test Procedures for 1980 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles," adopted by the State Board on May 24, 1978, as last amended March 5, 1980.

(c) With respect to any new vehicle required to comply with the standards set forth in paragraph (a), the manufacturer's written maintenance instructions for in-use vehicles shall not require scheduled maintenance more frequently than or beyond the scope of maintenance permitted under the test procedures referenced in paragraph (b)

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above. Any failure to perform scheduled maintenance shall not excuse an emissions violation unless the failure is related to or causative of the violation.

(d) This regulation shall remain in effect until December 31, 1990, and as of that date is repealed unless a later regulation deletes or extends that date. Notwithstanding the repeal or expiration of this regulation on December 31, 1990, the provisions of the regulation as they existed prior to such repeal or expiration shall continue to be operative and effective for those events occurring prior to the repeal or expiration.

NOTE: Authority cited: Sections 39600 and 39601, Health and Safety Code. Reference: Sections 39002, 39003, 43000, 43103, 43100, 43104 and 43106, Health and Safety Code.

REFERENCES